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Title: SEMICONDUCTOR PROTECTION ELEMENT, SEMICONDUCTOR DEVICE AND METHOD FOR MANUFACTURING SAME

Inventor(s): Hitoshi IRINO DOCKET NO.: 045054-0158

FIG.1

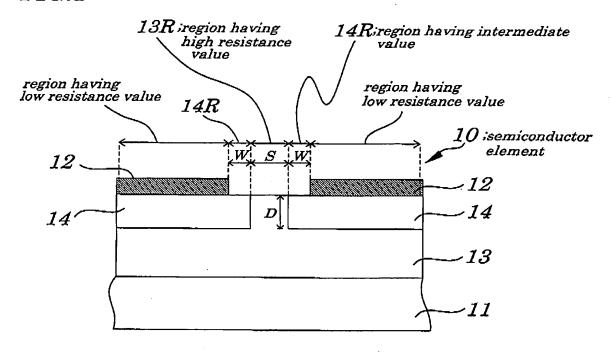
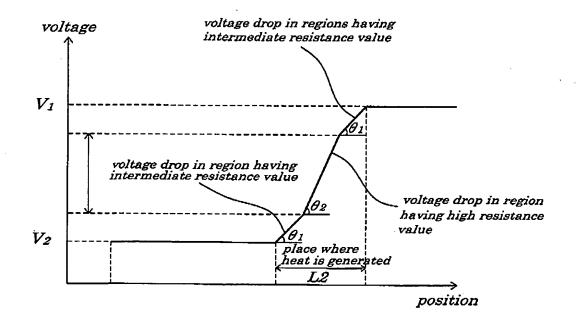


FIG.2



Inventor(s): Hitoshi IRINO DOCKET NO.: 045054-0158

FIG. 3A (PRIOR ART)

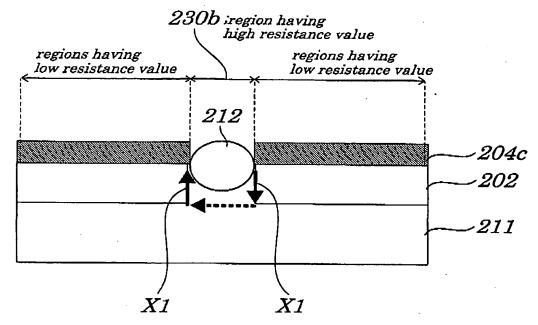
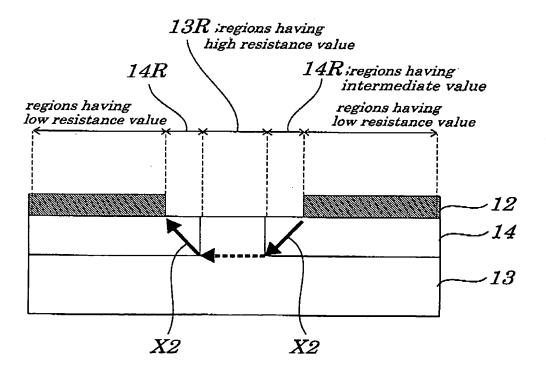


FIG.3B



ELEMENT, SEMICONDUCTOR PROTECTION ELEMENT, SEMICONDUCTOR DEVICE AND METHOD FOR MANUFACTURING SAME

Inventor(s): Hitoshi IRINO DOCKET NO.: 045054-0158

FIG.4A

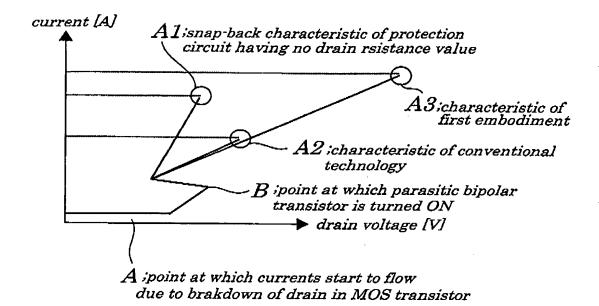
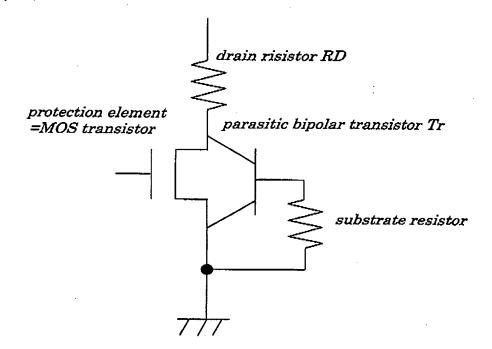


FIG.4B



Inventor(s): Hitoshi IRINO DOCKET NO.: 045054-0158

FIG.5

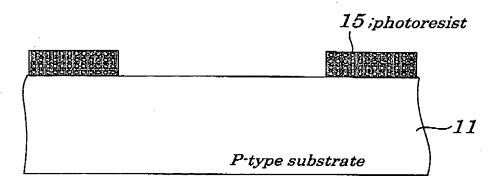
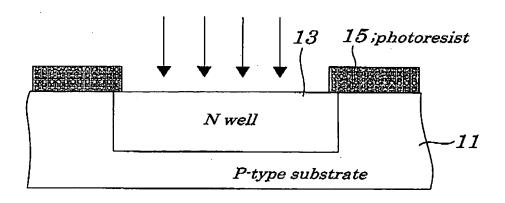


FIG.6



ELEMENT, SEMICONDUCTOR PROTECTION
ELEMENT, SEMICONDUCTOR DEVICE
AND METHOD FOR MANUFACTURING
SAME
Inventor(s): Hitoshi IRINO
DOCKET NO.: 045054-0158

FIG.7

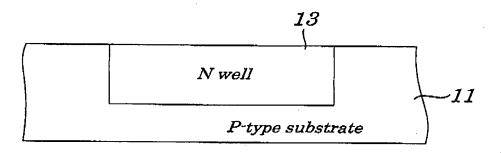
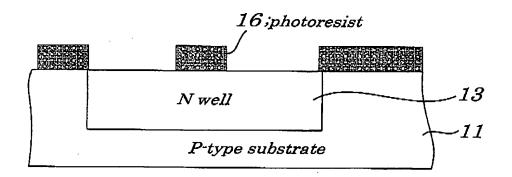


FIG.8



Inventor(s): Hitoshi IRINO DOCKET NO.: 045054-0158

FIG.9

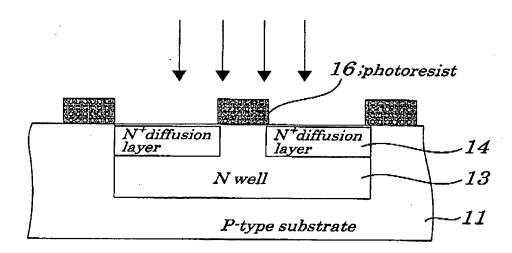
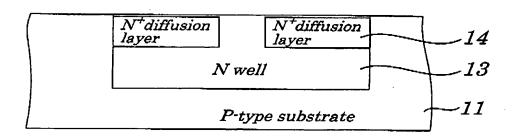


FIG.10



ELEMENT, SEMICONDUCTOR PROTECTION ELEMENT, SEMICONDUCTOR DEVICE AND METHOD FOR MANUFACTURING SAME

Inventor(s): Hitoshi IRINO DOCKET NO.: 045054-0158

FIG.11

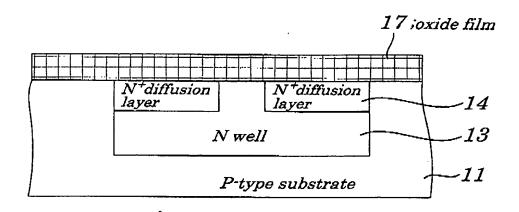
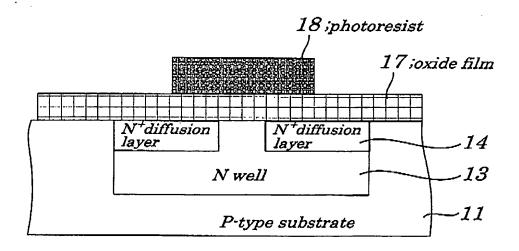


FIG.12



ELEMENT, SEMICONDUCTOR PROTECTION ELEMENT, SEMICONDUCTOR DEVICE AND METHOD FOR MANUFACTURING SAME

Inventor(s): Hitoshi IRINO DOCKET NO.: 045054-0158

FIG.13

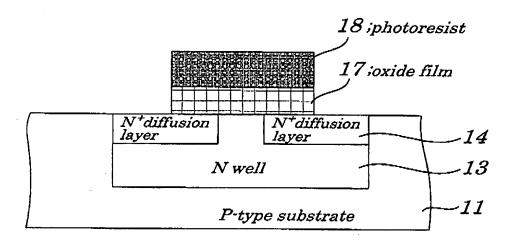


FIG.14

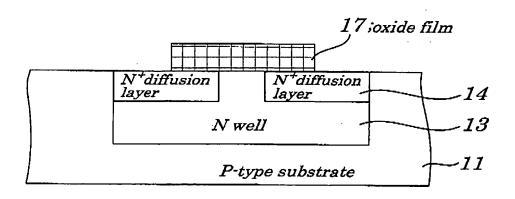


FIG.15

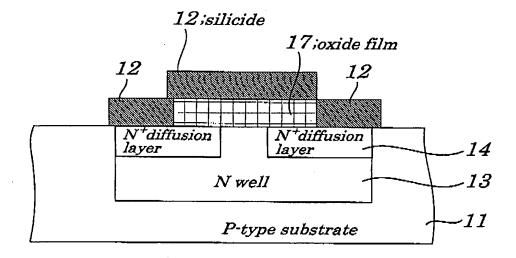
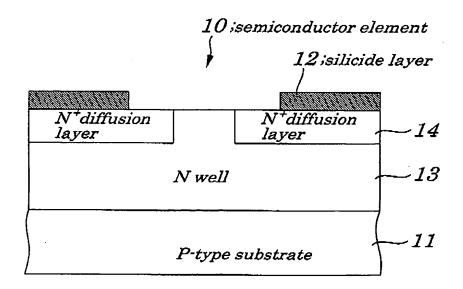


FIG.16



FLEMENT, SEMICONDUCTOR DEVICE AND METHOD FOR MANUFACTURING SAME Inventor(s): Hitoshi IRINO DOCKET NO.: 045054-0158

FIG.17

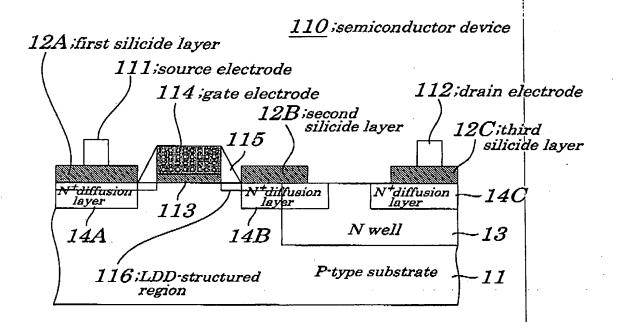


FIG.18

20; semiconductor element

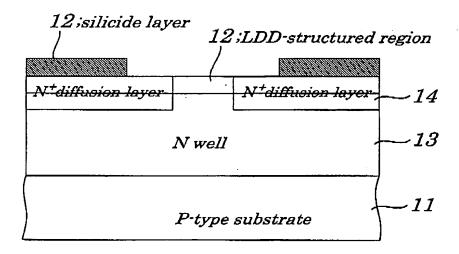


FIG.19

120 isemiconductor device

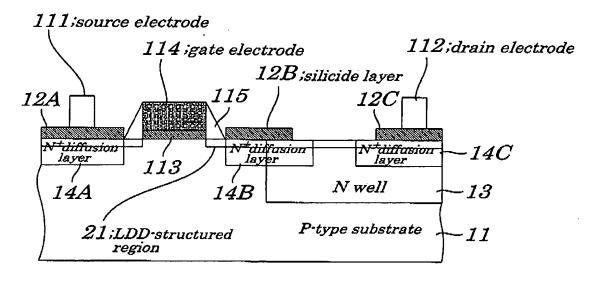
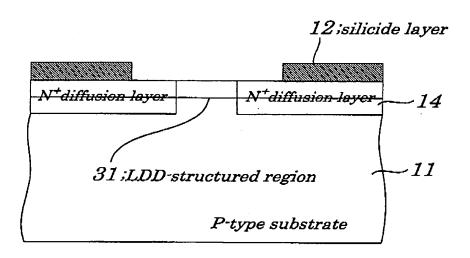


FIG.20

30 isemiconductor element



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FIG.21

130; semiconductor device

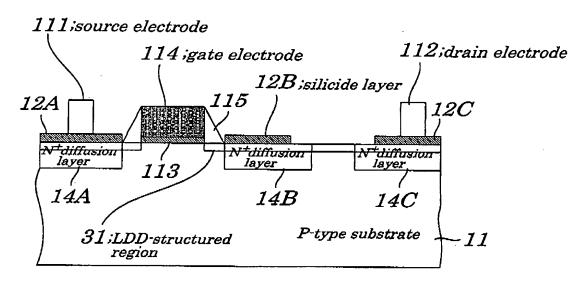


FIG.22

40; semiconductor element

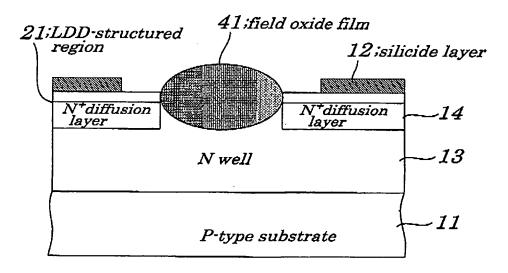


FIG.23

140; semiconductor device

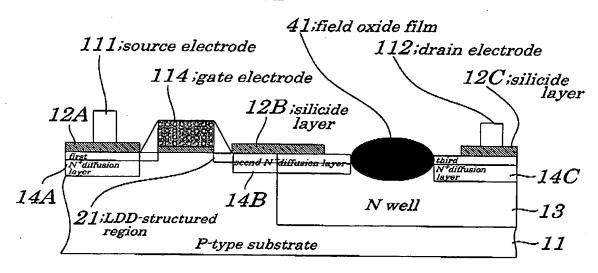


FIG.24

50; semiconductor element

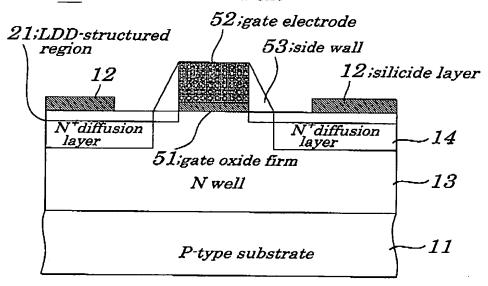


FIG.25

150; semiconductor device

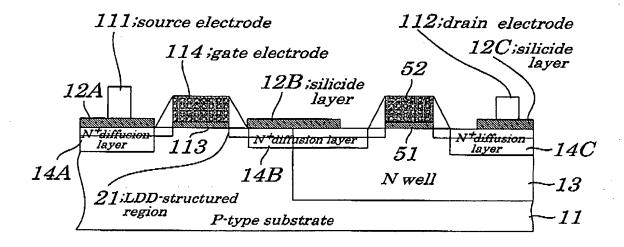
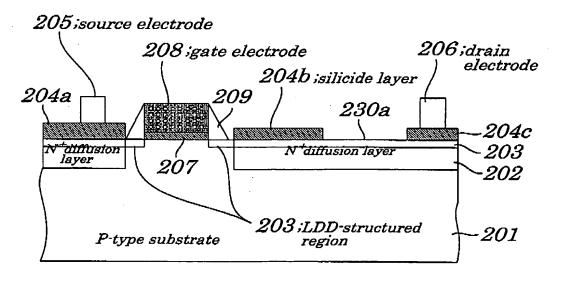


FIG.26 (PRIOR ART)

200 ;semiconductor device



ELEMENT, SEMICONDUCTOR PROJECTION ELEMENT, SEMICONDUCTOR DEVICE AND METHOD FOR MANUFACTURING SAME

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FIG.27 (PRIOR ART)

210; semiconductor device

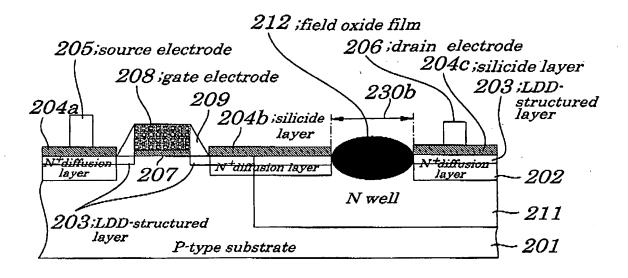
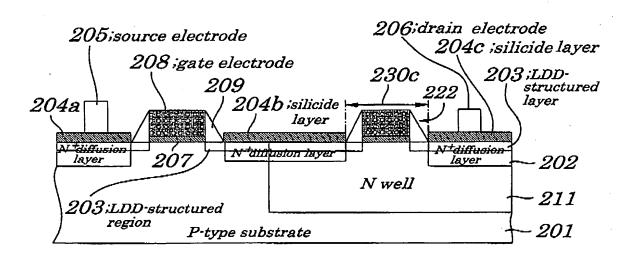


FIG.28 (PRIOR ART)

220; semiconductor device



Inventor(s): Hitoshi IRINO DOCKET NO.: 045054-0158

FIG. 29A (PRIOR ART)

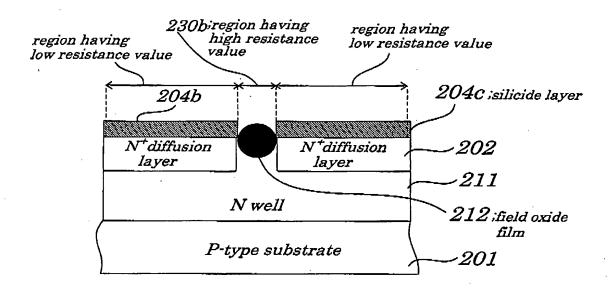


FIG.29B(PRIOR ART)

